

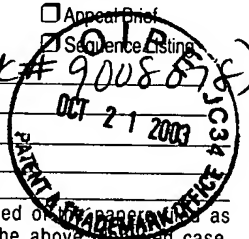


Papers Filed herewith on: 10/21/03 35  
DOCKET NO.: 0033-906P ATTY: TUB/CMY  
APPLICANT(S): M. YAMANQUE et al.  
APPLN. NO.: NEW FILED: 10/21/03  
PAT NO.: \_\_\_\_\_

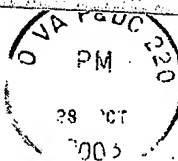
- ☐ New Application with Transmittal Letter  
☐ Utility ☐ Design ☐ CIP ☐ PCT ☐ Provisional  
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☒ Specification Consisting of: 70 pages  
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☒ Drawings 22 Sheets ☒ Formal ☐ Informal ☐ Red-Ink  
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PATENT  
0033-0906P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Masafumi YAMANOUE et al. Conf.: Unassigned  
Appl. No.: NEW - Div. of U.S. Group: Unassigned  
Appl. 09/720,791  
Filed: October 21, 2003 Examiner: Unassigned  
For: COPYRIGHT MANAGEMENT APPARATUS, ELECTRONIC  
COPYRIGHTED WORK SALES APPARATUS, ELECTRONIC BOOK  
DISPLAY APPARATUS, KEY INFORMATION MANAGEMENT  
APPARATUS, AND ELECTRONIC COPYRIGHTED WORK  
DISTRIBUTION MANAGEMENT SYSTEM IN WHICH  
APPARATUSES ARE CONNECTED BY COMMUNICATION LINE

PRELIMINARY AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 21, 2003

Sir:

The following preliminary amendments and remarks are respectfully submitted in connection with the above-identified application.

This amendment includes Amendments to the Specification; Amendments to the Claims; and Remarks.

AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Please amend the specification as follows:

Before line 1, insert the following new paragraph:

This application is a Divisional of co-pending Application No. 09/720,791 filed on December 29, 2000 and for which priority is claimed under 35 U.S.C. § 120. Application No. 09/720,791 is the national phase of PCT International Application No. PCT/JP99/03513 filed on June 30, 1999 under 35 U.S.C. § 371. The entire contents of each of the above-identified applications are hereby incorporated by reference. This application also claims priority of Application Nos. 10-187056 filed in Japan on July 2, 1998 and 10-187057 filed in Japan on July 2, 1998 under 35 U.S.C. § 119.

Please replace the paragraph beginning on page 45, line 21, as follows:

(6) ~~CAOS~~CHAOS processing module (module name: CHAOSCAOS)

Please replace the paragraph beginning on page 45, line 22, as follows:

The pixel value of the image data with the specified ID is altered by the function set below and then transferred to image

memory 307, whereby display is effected at LCD 308. This CAOSCHAOS process will be described in detail hereinafter.

Please replace the paragraph beginning on page 46, line 13, as follows:

In producing image data, it is assumed that bit inversion is carried out on the original image with the foregoing CHAOSCAOS function and parameter, and then compressed to be recorded in the encoded contents as encoded image data. If the encoded contents are simply decoded, an image modified by the CHAOSCAOS function will be displayed at LCD 308. Therefore, the proper image will not be displayed. By applying the foregoing CHAOSCAOS process after the encoded contents have been decoded, the proper image can be displayed at LCD 308. By actuating the CHAOSCAOS processing module only when there is a contents key in the module, a viewer 101 absent of the contents key cannot display the proper image.

Please replace the paragraph beginning on page 46, line 23, as follows:

A process may be carried out by defining a processing module using a random number function RAND, for example, instead of the CAOSCHAOS function. Although the picture quality of the displayed image and the size of the processing module differ in this case, an effect similar to that using the CAOSCHAOS function can be

obtained. Although description has been provided as to a process of mixing/removing noise with respect to the image data by CHAOS~~CAOS~~, the noise mixture/removal by the CHAOS~~CAOS~~ can be carried out similarly for other modules.

Please replace the paragraph beginning on page 48, line 20, as follows:

(Step 3)

By processing module 706, the MODULE module process is executed. Since there is a contents key 3 in viewer 101 (refer to Fig. 13), the encoded processing module is decoded, a processing module name CAOSCHAOS is assigned, and loaded into RAM 02. Since this processing module may not be loaded properly depending upon the user's charge account status as in step 2, there is a case where a process using the CHAOS~~CAOS~~ processing module may not be executed in the subsequent processes.

Please replace the paragraph beginning on page 50, line 20, as follows:

By processing module 706, the CHAOS~~CAOS~~ module process is executed on the preloaded image with image data ID "2" in RAM 302. Since there is a contents key 3 in viewer 101, a proper image is displayed at LCD 308 even in the case where the relevant image data is subjected to an image process with the CHAOS~~CAOS~~ function. A

similar process is executed thereafter according to the encoded contents.

Please replace the paragraph beginning on page 54, line 9, as follows:

(2) Information indicating that a process is applied during reproduction when the user ID does not match. When this process is carried out, the reproduction processing method of any of the above-described blurring process by the BLUR process, the noise mixture process by the CHAOSCAOS process, or overwriting the displayed contents with the predetermined pattern is specified.

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An electronic copyrighted work sales apparatus comprising:

a manipulation unit ~~(12)~~—for selection of a desired electronic copyrighted work,

a copyright royalty information storage unit ~~(20)~~—storing copyright royalty information of an electronic copyrighted work,

a copyrighted work data storage unit ~~(14)~~—storing electronic copyrighted work data,

a copyright royalty calculation unit ~~(19)~~—calculating a copyright royalty of an electronic copyrighted work selected through said manipulation unit ~~(12)~~—based on the copyright royalty information stored in said copyright royalty information storage unit ~~(20)~~,

a communication unit ~~(18)~~—transmitting to an external source the copyright royalty calculated by said copyright royalty calculation unit ~~(19)~~, and

a copyrighted work data write unit ~~(13)~~—writing into a recording medium ~~(2)~~—electronic copyrighted work data corresponding to the electronic copyrighted work selected through said manipulation unit ~~(12)~~—out from electronic copyrighted work data stored in said copyrighted work data storage unit ~~(14)~~.

2. (Currently Amended) The electronic copyrighted work sales apparatus according to claim 1, further comprising a sales information recording unit ~~(30)~~—recording sales status of a relevant electronic copyrighted work sales apparatus.

3. (Currently Amended) The electronic copyrighted work sales apparatus according to claim 2, further comprising an identification information storage unit ~~(16)~~—storing identification information of an electronic copyrighted work sales apparatus, and a sales information control unit ~~(31)~~—sensing attachment of a sales information readout card ~~(34)~~—corresponding to the identification information stored in said identification information storage unit—~~(16)~~, and reading out sales status recorded in said sales information recording unit—~~(30)~~.

4. (Currently Amended) The electronic copyrighted work sales apparatus according to claim 3, wherein said sales information control unit ~~(31)~~—reads out the sales status recorded in said sales information recording unit ~~(30)~~—by reading out and executing a portion of a program corresponding to the identification information stored in said identification information storage unit ~~(16)~~—and a remaining portion of said program recorded in said sales information readout card—~~(34)~~.



5. (Currently Amended) The electronic copyrighted work sales apparatus according to claim 2, further comprising:

an identification information storage unit ~~(16)~~—storing identification information of an electronic copyrighted work sales apparatus, and

a sales information control unit ~~(31)~~—sensing attachment of a sales information management card ~~(35)~~—corresponding to identification information stored in said identification information storage unit—~~(16)~~, and reading out and then deleting the sales status recorded in said sales information recording unit ~~(30)~~.

6. (Currently Amended) The electronic copyrighted work sales apparatus according to claim 5, wherein said sales information control unit ~~(31)~~—reads out and then deletes the sales status recorded in said sales information recording unit ~~(17)~~—by reading out and executing a portion of a program corresponding to identification information stored in said identification information storage unit ~~(16)~~—and a remaining portion of said program stored in said sales information management card—~~(35)~~.

7. (Currently Amended) The electronic copyrighted work sales apparatus according to claim 1, further comprising a recording

media storage unit ~~(38)~~ storing a plurality of said recording media ~~(2)~~,

wherein said copyrighted work data write unit ~~(31)~~ writes electronic copyrighted work data sequentially into the plurality of recording media ~~(2)~~ stored in said recording media storage unit ~~(38)~~.

8. (Currently Amended) A copyright management apparatus comprising:

a communication unit ~~(24)~~ receiving from an external source copyright royalty data of an electronic copyrighted work sold,

a copyright information storage unit ~~(25)~~ storing copyright information of an electronic copyrighted work to be sold, and

a copyright royalty data storage unit ~~(26)~~ storing for each copyright holder copyright royalty data received by said communication unit ~~(24)~~ according to the copyright information stored in said copyright information storage unit ~~(25)~~.

9. (Currently Amended) The copyright management apparatus according to claim 8, further comprising a copyright royalty data approval processing unit ~~(27)~~ causing said communication unit ~~(24)~~ to transmit to an external source copyright royalty data recorded in said copyright royalty data recording unit ~~(26)~~ when copyright

royalty data stored in said copyright royalty data storage unit  
~~(26)~~ is approved.

10. (Currently Amended) An electronic copyrighted work distribution management system comprising:

an electronic copyrighted work sales apparatus ~~(1)~~—selling an electronic copyrighted work,

a copyright management apparatus ~~(4)~~—administering a copyright royalty of an electronic copyrighted work sold by said electronic copyrighted work sales apparatus—~~(1)~~,

a seller terminal ~~(5)~~—used by a seller, and

a copyright holder terminal ~~(7)~~—used by a copyright holder,

wherein said electronic copyrighted work sales apparatus ~~(1)~~ includes

a manipulation unit ~~(12)~~—for selection of a desired electronic copyrighted work,

a copyright royalty information storage unit ~~(20)~~—storing copyright royalty information of an electronic copyrighted work,

a copyrighted work data storage unit ~~(14)~~—storing electronic copyrighted work data,

a copyright royalty calculation unit ~~(19)~~—calculating a copyright royalty of an electronic copyrighted work selected through said manipulation unit ~~(12)~~—according to the copyright

royalty information stored in said copyright royalty information storage unit—(20),

a first communication unit (18)—transmitting to said copyright management apparatus (4)—the copyright royalty calculated by said copyright royalty calculation unit—(19), and

a copyrighted work data write unit (13)—writing into a recording medium (2)—electronic copyrighted work data corresponding to the electronic copyrighted work selected through said manipulation unit (12)—out from electronic copyrighted work data stored in said copyrighted work data storage unit—(14),

wherein said copyright management apparatus (4)—includes

a second communication unit (24)—receiving from said copyrighted work sales apparatus (1)—copyright royalty data of an electronic copyrighted work sold,

a copyright information storage unit (25)—storing copyright information of an electronic copyrighted work to be sold,

a copyright royalty data storage unit (26)—storing for each copyright holder copyright royalty data received by said second communication unit (24)—according to the copyright information stored in said copyright information storage unit—(25), and

a copyright royalty data approval processing unit (27)—causing said second communication unit (24)—to transmit copyright royalty data recorded in said copyright royalty data storage unit (26)—to said seller terminal (5)—when the copyright royalty data stored in

said copyright royalty data storage unit ~~(26)~~—is approved from said  
copyright terminal—~~(7)~~.

11.-26. (Cancelled).

REMARKS

Claims 1-10 are pending in this application, claims 1, 8, and 10 being independent. Claims 11-26 have been canceled.

Entry of the above amendments is earnestly solicited. An early and favorable first action on the merits is earnestly solicited.

Conclusion

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Catherine M. Voisinet (Reg. No. 52,327) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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By 

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